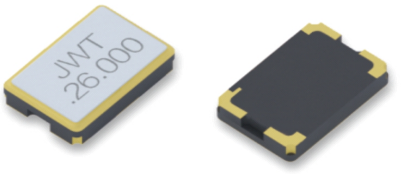
3.2x2.5mm SMD Crystal-TCXO

WF Series

Temperature Compensate X'tal (crystal) Oscillator



Product Features

1. Ultra-small size: 3.2 × 2.5 × 0.83 mm
2. U Type package
3. High precision and stability

Applications

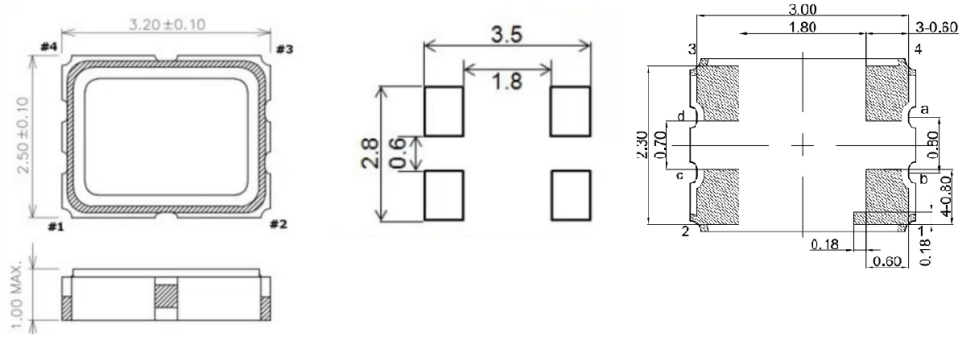
1. GNSS
2. Mobile communication
3. Cellular
4. Walkie talkie

Specifications

Model	WF3225		
Nominal frequency range	10.000~54.000MHz		
Supply voltage	1.68V~3.63V		
Oscillation mode	Fundamental (AT-cut)		
Frequency tolerance at 25℃±3℃	±1.0ppm,±1.5ppm,or specify (After 2 times reflow)		
Operating temperature range	-40℃~85℃	-40℃~105℃	-40℃~125℃
Frequency vs. Temperature (Ref.to 25℃)	±0.5ppm	±5.0ppm	±5.0ppm
Frequency vs. Supply voltage (±5%)	±0.1ppm		
Frequency vs. Load (±10%)	±0.1ppm		
Duty cycle	40~60%		
Current consumption	2.0mA Max		
Output level	0.8Vp-p MIN		
Standard output Load	10KΩ//10pF±10%/15pF		
Output waveform	Clipped sine wave/CMOS/LVCMOS		
Start-up time (More than 90% of final)	2.0ms Max		
Phase noise (Relative to f0 level offset 1KHz)	-138 dBc/Hz		
Storage temperature range	-55℃~125℃		
Aging at first year	±1.0ppm		

Notes: The above parameters are for normal demands, If you have any different demands, Please contact us.

Dimensions (Unit: mm)



Pin	Function
#1	N/C
#2	GND
#3	OUTPUT
#4	VCC